

IN THE CLAIMS:

For the convenience of the examiner, the complete listing of claims is provided below.

1-20. (canceled)

21. (previously presented) A method to serve a remote device, the method comprising:
- generating, at a host, a first image of a virtual desktop to indicate a state of the virtual desktop, the virtual desktop representing a graphical desktop environment for controlling the host;
 - sending the first image in a compressed image format to the remote device;
 - receiving a first message from the remote device, the first message indicating user input received with respect to the first image;
 - applying the user input to the virtual desktop at a location corresponding to a location at which the user input is received with respect to the first image at the remote device;
 - generating, at the host, a second image of the virtual desktop, the second image indicating a state of the virtual desktop after the user input is applied to the virtual desktop; and
 - sending the second image of the virtual desktop to the remote device.
22. (previously presented) A method as in claim 21, wherein the user input comprises a click on a point on the first image; and, to generate the second image, the host

applies a click to the virtual desktop at a point that corresponds to the point on the first image.

23. (previously presented) A method as in claim 21, wherein the user input comprises a double-click on a point on the first image; and, to generate the second image, the host applies a double-click to the virtual desktop at a point that corresponds to the point on the first image.
24. (previously presented) A method as in claim 21, wherein the user input comprises a drag-and-drop on the first image; and, the host applies a drag-and-drop to the virtual desktop at locations that correspond to locations where the drag-and-drop on the first image is received at the remote device.
25. (previously presented) A method as in claim 22, further comprising:
sending, to the remote device, a second message from the host, the second
message instructing the remote device to prompt for text input;
wherein the click applied to the virtual desktop allows text input at a location on
the virtual desktop.
26. (previously presented) A method as in claim 21, wherein the virtual desktop comprises a virtual web browser; and, the virtual web browser renders web pages requested by the remote device at the host into images.
27. (previously presented) A method as in claim 21 further comprising:
dividing the first image into a plurality of sections;

wherein the plurality of sections are sent to the remote device in a sequence according to a display priority in the compressed image format.

28. (previously presented) A method as in claim 21, wherein the first image is sent from the host to the remote device through a wireless telecommunication link.

29-40. (canceled)

41. (previously presented) A machine readable medium containing executable computer program instructions which when executed by a data processing system cause said system to perform a method to serve a remote device, the method comprising:

- generating, at a host, a first image of a virtual desktop to indicate a state of the virtual desktop, the virtual desktop representing a graphical desktop environment for controlling the host;
- sending the first image in a compressed image format to the remote device;
- receiving a first message from the remote device, the first message indicating user input received with respect to the first image;
- applying the user input to the virtual desktop at a location corresponding to a location at which the user input is received with respect to the first image at the remote device;
- generating, at the host, a second image of the virtual desktop, the second image indicating a state of the virtual desktop after the user input is applied to the virtual desktop; and
- sending the second image of the virtual desktop to the remote device.

42. (previously presented) A medium as in claim 41, wherein the user input comprises a click on a point on the first image; and, to generate the second image, the host applies a click to the virtual desktop at a point that corresponds to the point on the first image.
43. (previously presented) A medium as in claim 41, wherein the user input comprises a double-click on a point on the first image; and, to generate the second image, the host applies a double-click to the virtual desktop at a point that corresponds to the point on the first image.
44. (previously presented) A medium as in claim 41, wherein the user input comprises a drag-and-drop on the first image; and, the host applies a drag-and-drop to the virtual desktop at locations that correspond to locations where the drag-and-drop on the first image is received at the remote device.
45. (previously presented) A medium as in claim 42, wherein the method further comprises:
sending, to the remote device, a second message from the host, the second message instructing the remote device to prompt for text input;
wherein the click applied to the virtual desktop allows text input at a location on the virtual desktop.
46. (previously presented) A medium as in claim 41, wherein the virtual desktop comprises a virtual web browser; and, the virtual web browser renders web pages requested by the remote device at the host into images.

47. (previously presented) A medium as in claim 41 wherein the method further comprises:
dividing the first image into a plurality of sections;
wherein the plurality of sections are sent to the remote device in a sequence
according to a display priority in the compressed image format.
48. (previously presented) A medium as in claim 41, wherein the first image is sent from the host to the remote device through a wireless telecommunication link.
- 49-60. (canceled)
61. (previously presented) A host to serve a remote device, the host comprising:
means for generating, at the host, a first image of a virtual desktop to indicate a state of the virtual desktop, the virtual desktop representing a graphical desktop environment for controlling the host;
means for sending the first image in a compressed image format to the remote device;
means for receiving a first message from the remote device, the first message indicating user input received with respect to the first image;
means for applying the user input to the virtual desktop at a location corresponding to a location at which the user input is received with respect to the first image at the remote device;
means for generating, at the host, a second image of the virtual desktop, the second image indicating a state of the virtual desktop after the user input is applied to the virtual desktop; and

means for sending the second image of the virtual desktop to the remote device.

62. (previously presented) A host as in claim 61, wherein the user input comprises a click on a point on the first image; and, to generate the second image, the host applies a click to the virtual desktop at a point that corresponds to the point on the first image.
63. (previously presented) A host as in claim 61, wherein the user input comprises a double-click on a point on the first image; and, to generate the second image, the host applies a double-click to the virtual desktop at a point that corresponds to the point on the first image.
64. (previously presented) A host as in claim 61, wherein the user input comprises a drag-and-drop on the first image; and, the host applies a drag-and-drop to the virtual desktop at locations that correspond to locations where the drag-and-drop on the first image is received at the remote device.
65. (previously presented) A host as in claim 62, further comprising:
means for sending, to the remote device, a second message from the host, the
second message instructing the remote device to prompt for text input;
wherein the click applied to the virtual desktop allows text input at a location on
the virtual desktop.
66. (previously presented) A host as in claim 61, wherein the virtual desktop comprises a virtual web browser; and, the virtual web browser renders web pages requested by the remote device at the host into images.

67. (previously presented) A host as in claim 61 further comprising:
means for dividing the first image into a plurality of sections;
wherein the plurality of sections are sent to the remote device in a sequence
according to a display priority in the compressed image format.
68. (previously presented) A host as in claim 61, wherein the first image is sent from
the host to the remote device through a wireless telecommunication link.
69. (previously presented) A method as in claim 21, wherein a size of the first image
is different from a size of a display area of the remote device.
70. (previously presented) A method as in claim 69, wherein the first image is larger
than the display area of the remote device.
71. (previously presented) A medium as in claim 41, wherein a size of the first image
is different from a size of a display area of the remote device.
72. (previously presented) A medium as in claim 71, wherein the first image is larger
than the display area of the remote device.
73. (previously presented) A host as in claim 61, wherein a size of the first image is
different from a size of a display of the remote device.
74. (previously presented) A host as in claim 73, wherein the first image is larger than
the display of the remote device.